

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Sep/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.211	553.845	1) Gujrat	5.927	37.679
2) Hydro	6.353	29.061	2) Madhya Pradesh	11.184	48.294
3) Gas	6.329	31.767	3) Chattisgarh	4.850	21.410
Total MSPGCL	113.893	614.673	4) Maharashtra Net	63.809	359.503
B) 1) APML	46.826	229.261	5) Goa (Amona)	-0.342	-2.534
2) JSWEL	19.327	88.861	6) TAPS 1&2 Injection	7.696	38.499
3) VIPL	10.052	50.326	7) RGPPL Injection	11.756	58.697
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	1.066	3.669
5) WPCL	4.215	18.962	9) Pench (Excess)	-1.066	-3.669
6) PGPL	6.798	27.583	Total	103.814	557.879
7) Other IPP	2.707	13.157	a) Mumbai Schedule	15.139	85.110
C) 1) TPCL Thermal	12.305	62.049	b) Mumbai Drawl	19.031	116.091
2) TPCL Hydro	4.656	27.888	c) MSEDCL Bilateral *	25.440	139.816
3) TPCL Gas	4.415	21.405	Include PX	-0.303	-6.582
4) R-INFRA Thermal	9.662	48.319	d) Mumbai Bilateral *	15.139	85.110
D) STATE			Include PX	0.000	4.226
1) Thermal	206.305	1064.780	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	11.009	56.949	1) MSEDCL	319.336	1614.517
3) Gas	17.542	80.755	2) Mumbai Discoms	50.069	275.752
4) Wind	29.507	124.701	TOTAL STATE	369.405	1890.269
6) SOLAR	1.228	5.205			
TOTAL STATE	265.591	1332.390			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4259	4174	4395	4106
MSPGCL Hydro	504	340	324	83
MSPGCL Gas	262	258	262	266
MSPGCL Total Generation	5025	4772	4981	4455
Central Sector Receipt	5245	4913	4303	3540
WIND	1145	1074	1088	1555
CPP / IPP Thermal	3726	3380	3696	3297
CPP / IPP Gas	285	284	287	285
SOLAR	90	147	0	0
Exchange with Mumbai	-782	-755	-874	-635
MSEDCL DEMAND MET	14734	13815	13481	12497
Load Shedding	0	0	0	0
MSEDCL DEMAND	14734	13815	13481	12497
TPCL GENERATION	858	1005	1029	696
R-INFRA GENERATION	403	403	401	403
MUMBAI DEMAND	2043	2163	2304	1734
STATE DEMAND MET	16777	15978	15785	14231
STATE DEMAND	16777	15978	15785	14231
Frequency (Hz)	49.98	49.95	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.32 Hrs	49.81 Hz at 17.16 Hrs	49.97	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 05/Sep/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.04	10.83	42	0
Unit 6	0.00	0.00	0	0
Unit 7	3.35	17.81	155	114
Unit 8	10.27	53.64	480	380
Total	13.66	82.28		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	12.75	0	0
Unit 5	8.88	44.45	390	328
Total	8.88	57.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	3.97	20.02	178	161
Unit 4	0.00	9.99	0	0
Unit 5	8.83	44.09	375	364
Unit 6	8.80	43.91	375	355
Unit 7	8.64	43.36	370	348
Unit 8	8.96	44.24	440	336
Total	39.19	205.60		
Paras				
Unit 3	4.82	24.13	218	190
Unit 4	4.65	23.60	199	190
Total	9.47	47.73		
Khaparkheda				
Unit 1	0.39	15.70	140	0
Unit 2	3.84	18.24	165	155
Unit 3	4.06	19.86	181	163
Unit 4	4.01	19.58	176	162
Unit 5	9.78	48.72	500	400
Total	22.08	122.11		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.95	19.74	171	160
Unit 5	3.97	19.18	169	160
Total	7.92	38.92		
Uran				
All Units	6.33	31.77	278	248
Total	6.33	31.77		
PGPL				
Unit 1	4.30	17.50	183	130

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.50	10.08	105	102
Total	6.80	27.58		
PENCH (MS)				
Pench (MS)	1.07	3.67	53	33
Total	1.07	3.67		
Koyna				
Stage 1-2	2.85	10.91	485	40
Stage 4	0.39	0.90	230	0
Stage 3	1.28	4.38	160	0
Total	4.52	16.19		
Hydro				
KDPH	0.00	0.85	0	0
VTRNA	0.00	0.48	0	0
TILLARI	0.22	1.34	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	2.44	80	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.00	1.04	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	1.69	12	11
GHATGHAR	0.84	4.47	125	0
Total	1.83	12.87		
Wind				
Total	29.51	124.70	0	0
Total	29.51	124.70		
CPP				
APML(Mus)	46.83	229.26	0	0
JSWEL(Mus)	19.33	88.86	0	0
VIPL(Mus)	10.05	50.33	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.22	18.96	0	0
Other(Mus)	2.71	13.16	0	0
Total	83.13	400.57		
SOLAR				
Total	1.23	5.20	0	0
Total	1.23	5.20		
Tata				
Trombay 5	7.52	37.94	316	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	13.51	128	101
Trombay 7B	1.61	7.90	71	62
Trombay 8	4.79	24.11	201	196
TATA Hydro	4.66	27.89	332	16
Total	21.38	111.34		
R-INFRA				
1-2	9.66	48.32	403	401
Total	9.66	48.32		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	101.21	553.84
MSPGCL Thml+Gas	107.54	585.61
MSPGCL Hydro	6.35	29.06

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	113.89	614.67
Koyna 1,2 & 4 Total	3.24	11.81
State Total	265.59	1332.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Sep/2016

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4317	191	266	4774	1420	3303	285	0	3501	3742	-745	12779	0	12779	2039	14818	49.94
2	4240	161	265	4666	1441	3306	286	0	3231	3592	-693	12598	0	12598	1893	14491	49.96
3	4243	156	266	4665	1517	3308	285	0	3219	3471	-692	12554	0	12554	1792	14346	49.95
4	4106	83	266	4455	1555	3297	285	0	3359	3540	-635	12497	0	12497	1734	14231	49.97
5	4113	51	266	4430	1420	3307	284	0	3583	3851	-616	12676	0	12676	1729	14405	49.93
6	4131	56	266	4453	1340	3304	285	0	4438	4422	-605	13199	0	13199	1802	15001	49.93
7	4140	336	269	4745	1129	3398	284	5	4858	5140	-550	14151	0	14151	1854	16005	49.94
8	4220	746	268	5234	940	3609	285	37	5055	5242	-625	14722	0	14722	1913	16635	49.97
9	4259	504	262	5025	1145	3726	285	90	5210	5245	-782	14734	0	14734	2043	16777	49.98
10	4209	356	262	4827	1300	3490	286	130	5145	5171	-816	14388	0	14388	2158	16546	49.96
11	4207	293	260	4760	1142	3377	285	140	5016	5110	-881	13933	0	13933	2235	16168	49.99
12	4216	498	262	4976	1038	3379	234	148	4590	5278	-865	14188	0	14188	2242	16430	49.99
13	4195	525	260	4980	1044	3379	287	165	4518	4688	-853	13690	0	13690	2254	15944	49.97
14	4198	349	260	4807	1042	3375	282	141	4450	4785	-774	13658	0	13658	2156	15814	49.97
15	4174	340	258	4772	1074	3380	284	147	4595	4913	-755	13815	0	13815	2163	15978	49.95
16	4186	415	260	4861	1045	3510	285	118	4666	4687	-737	13769	0	13769	2157	15926	49.96
17	4216	248	248	4712	1138	3560	286	73	4488	4438	-766	13441	0	13441	2135	15576	49.95
18	4211	177	261	4649	1284	3402	286	30	3854	3479	-927	12203	0	12203	2157	14360	49.96
19	4287	225	266	4778	1100	3379	286	4	3598	3580	-890	12237	0	12237	2096	14333	50.03
20	4395	324	262	4981	1088	3696	287	0	4209	4303	-874	13481	0	13481	2304	15785	49.96
21	4228	143	266	4637	1229	3756	287	0	4215	4083	-943	13049	0	13049	2354	15403	49.99
22	4252	52	265	4569	1282	3557	287	0	4068	3826	-964	12557	0	12557	2327	14884	49.98
23	4255	57	278	4590	1410	3591	286	0	3584	3607	-1041	12443	0	12443	2309	14752	49.96
24	4213	67	267	4547	1384	3734	286	0	3809	3621	-1002	12570	0	12570	2223	14793	49.98
MUs	101.21	6.35	6.33	113.89	29.51	83.13	6.80	1.23	101.26	103.81	-19.03	319.34	0.00	319.34	50.07	369.40	49.97

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Sep/2016

Position as on 6.30 Hrs of 06/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
IPP	Adani U-4	660	13/07/2016	02.22	05/09/2016	20.42	Zero Shedule By MSEDCL,Shedule Glven On 21/08/2016	
MSPGCL	Chandrapur Unit 9	500	11/08/2016	22.11	06/09/2016	15.55	Oil Shortage.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 3A	230	16/08/2016	17.24		Continued.	Change Over	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Sep/2016

Position as on 6.30 Hrs of 06/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 4	500	02/09/2016	10.35		Continued.	Boiler Tube Leakage (Converted to Zero schedule from 20:30 Hrs of 04/09/2016)	
MSPGCL	Chandrapur Unit 4	210	03/09/2016	12.04		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 1	210	05/09/2016	03.27		Continued.	Boiler Tube Leakage	
PGPL	PGPL U2	126	05/09/2016	12.00	05/09/2016	12.15	malfunction steem control.	
MSPGCL	Bhusawal Unit 5	500	06/09/2016	00.00		Continued.	Zero shedule by MSEDCL.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 06/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Solapur(PG) I	InterState	04/09/2016	21.45	05/09/2016	06.38	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/09/2016	16.51	05/09/2016	22.40	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	05/09/2016	17.01	05/09/2016	19.21	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	05/09/2016	21.53	06/09/2016	07.23	T	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	06/09/2016	02.32	06/09/2016	06.44	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	06/09/2016	10.24	06/09/2016	18.43	PO	Routine Maintenance Work
Koradi Satpur	InterState	06/09/2016	16.59	06/09/2016	19.31	T	DT Received at Koradi end
Kolhapur Solapur(PG) I	InterState	06/09/2016	18.16		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
karad -kolhapur-I	IntraState	29/08/2016	16.14	06/09/2016	06.46	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/08/2016	16.48	06/09/2016	09.44	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/09/2016	15.52	06/09/2016	09.45	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	05/09/2016	14.30	05/09/2016	17.34	T	Tripped on D/P R PH to earth.
karad -kolhapur-II	IntraState	05/09/2016	18.00	06/09/2016	09.43	T	Over Voltage
N.Koyna-Karad - Ckt I	IntraState	06/09/2016	00.08		Continued.	T	Distance Protection(RFC 20.40Hrs)
karad -kolhapur-I	IntraState	06/09/2016	16.44		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/09/2016	17.25		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/09/2016	17.49		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudus bay ektuni CKT-2 will remain off during this outage period.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
Mahalakshmi Amona	InterState	05/09/2016	18.02	06/09/2016	08.20	T	Breaker tripped from Amona end
Tillari Amona	InterState	05/09/2016	18.02	06/09/2016	08.22	T	Breaker tripped from Amona end
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableshwar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Ongc Panvel - Tss Panvel	IntraState	04/09/2016	22.50	05/09/2016	01.15	T	CT burst at TSS metering RPH.
Kharghar - Tss Panvel	IntraState	04/09/2016	22.50	05/09/2016	00.27	T	CT burst at TSS metering RPH.
Badnera-Akola li	IntraState	05/09/2016	13.00	05/09/2016	15.31	PO	Carrying out signature test.
Ambazari-Amravati	IntraState	06/09/2016	09.20	06/09/2016	18.34	PO	Repl.of Disc Insulator
Shivajinagar - Satana	IntraState	06/09/2016	23.02		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 06/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	06/09/2016	11.48	06/09/2016	20.02	PO	Breaker Maint.work
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	06/09/2016	19.03	06/09/2016	22.51	EO	To attend Hot Spot
132 KV LINE Outages/Trippings							
Ambazari-Arvi	IntraState	05/09/2016	16.01	05/09/2016	16.29	T	Distance Protection
Kaulewada-Gondia-I	IntraState	05/09/2016	20.22	05/09/2016	20.42	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.